Video with Map Overlay

Abstract

A system and method for placing reference locators on a streaming video image taken from a camera mounted on a vehicle. Sensors monitoring the camera field of view and direction of the optical axis along with sensors monitoring the vehicle's position are used to generate a video overlay having various indicia. The calculated positions of the indicia may be compared to the position of landmarks taken from the video image to compensate for any inaccuracies in the calculated position taken from the various sensors.